

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127376.D
 Acq On : 17 Mar 2022 15:18
 Operator : CG\JU
 Sample : N1982-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-A

Quant Time: Mar 17 16:23:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

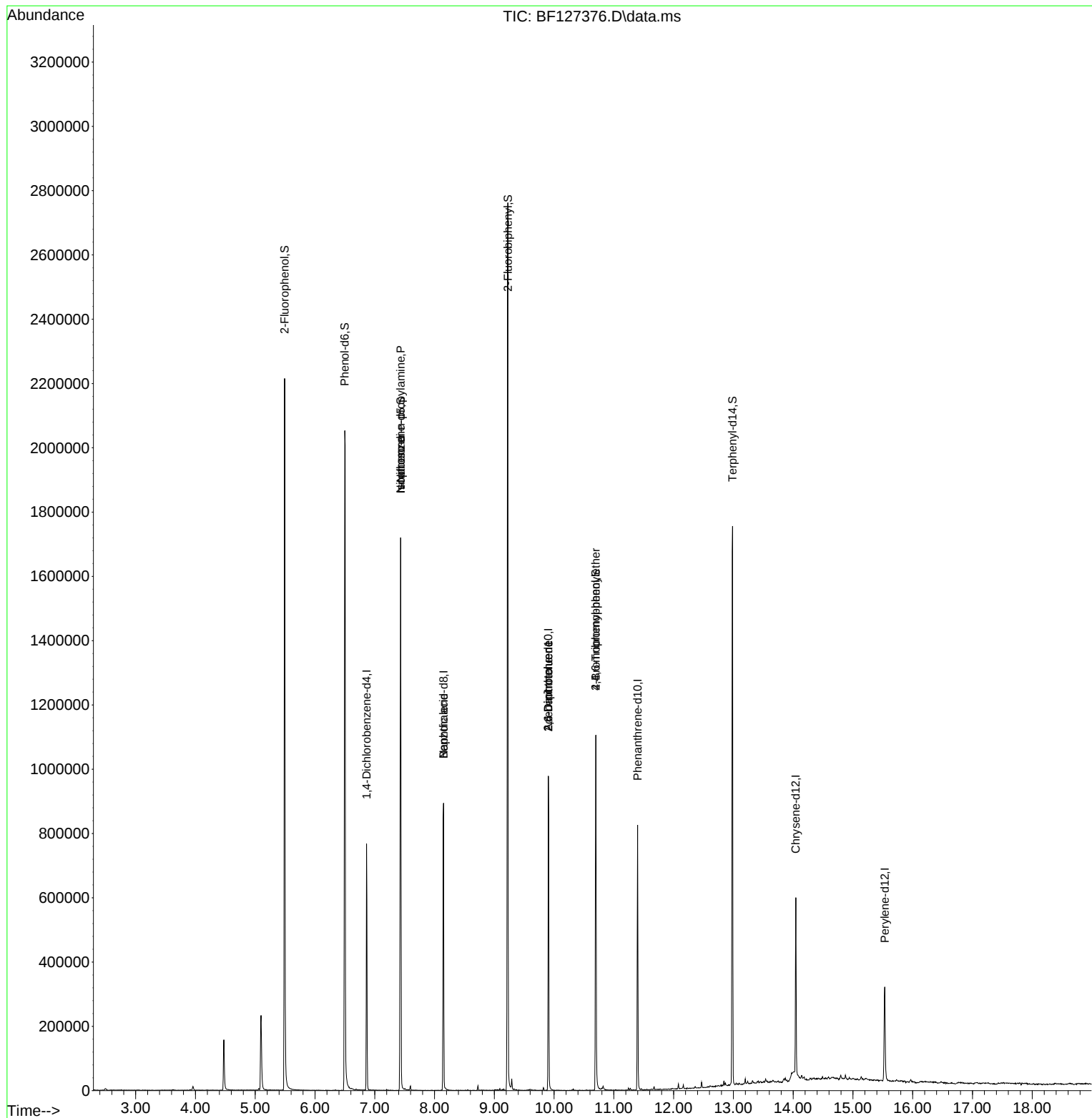
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	102634	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	377853	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	201891	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	272077	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	187377	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	145724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	506296	79.301	ng	0.00
7) Phenol-d6	6.498	99	738603	84.097	ng	0.00
23) Nitrobenzene-d5	7.434	82	514346	56.216	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	119506	54.987	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	882999	61.834	ng	0.00
79) Terphenyl-d14	12.986	244	635008	58.356	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1335	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	70658	12.892	ng	# 88
25) Isophorone	7.434	82	514339	34.961	ng	# 69
32) Benzoic acid	8.151	122	57	6.636	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	26241	8.967	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	26241	6.815	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	8070	2.461	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 17 16:23:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

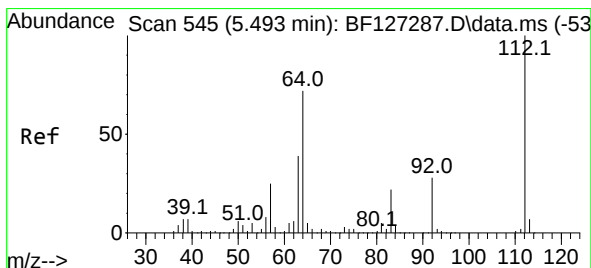
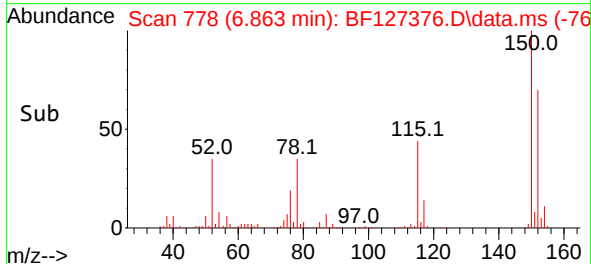
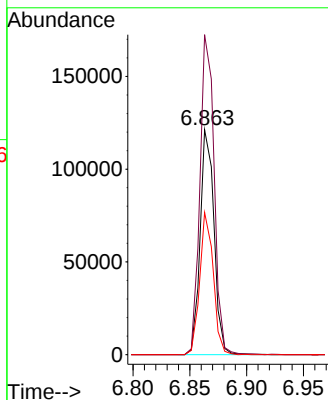
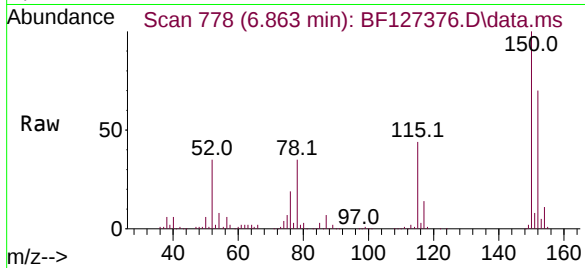




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127376.D
Acq: 17 Mar 2022 15:18

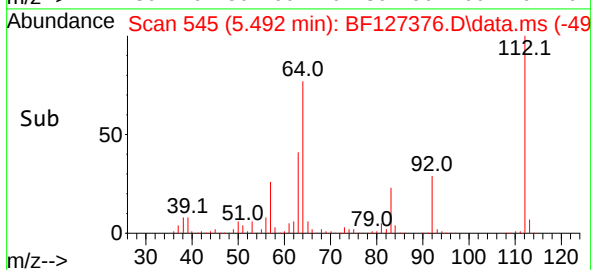
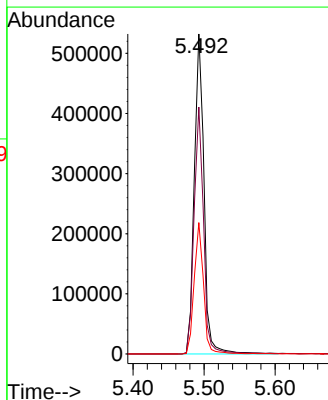
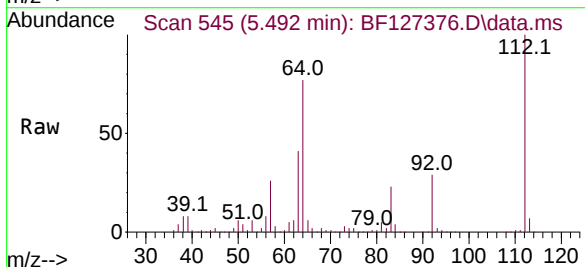
Instrument :
BNA_F
ClientSampleId :
CONCRETE-A

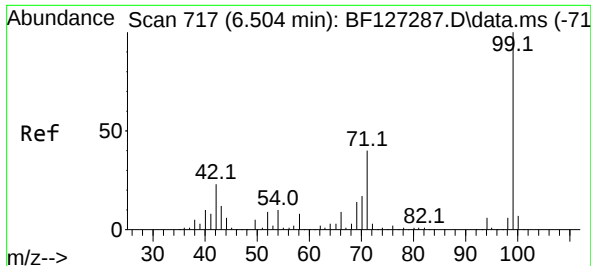
Tgt Ion:152 Resp: 102634
Ion Ratio Lower Upper
152 100
150 142.2 128.1 192.1
115 63.2 56.7 85.1



#5
2-Fluorophenol
Concen: 79.301 ng
RT: 5.492 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127376.D
Acq: 17 Mar 2022 15:18

Tgt Ion:112 Resp: 506296
Ion Ratio Lower Upper
112 100
64 77.2 49.5 74.3#
63 41.0 23.9 35.9#

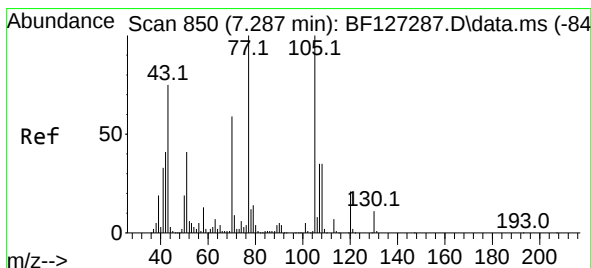
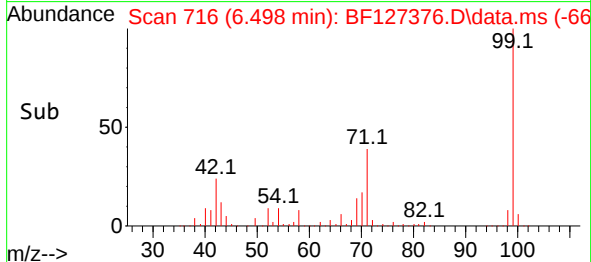
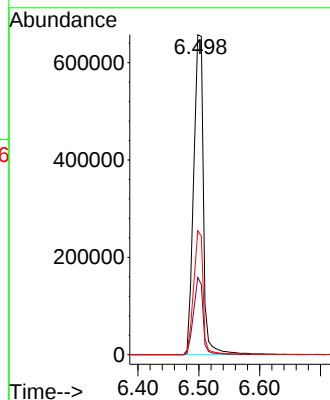
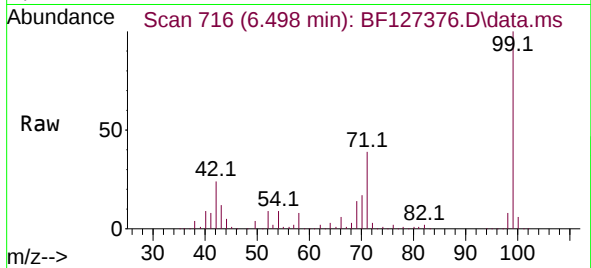




#7
Phenol-d6
Concen: 84.097 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF127376.D
Acq: 17 Mar 2022 15:18

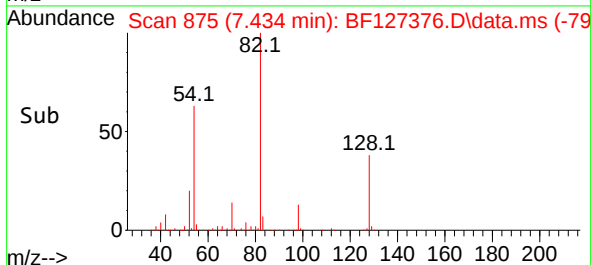
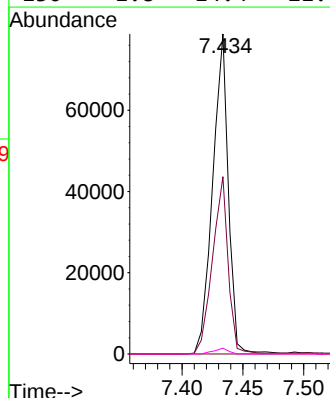
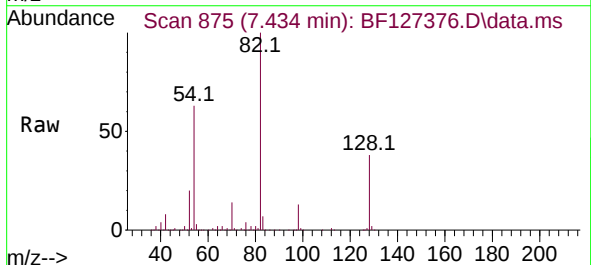
Instrument :
BNA_F
ClientSampleId :
CONCRETE-A

Tgt Ion: 99 Resp: 738603
Ion Ratio Lower Upper
99 100
42 24.1 14.2 21.4#
71 38.7 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 12.892 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127376.D
Acq: 17 Mar 2022 15:18

Tgt Ion: 70 Resp: 70658
Ion Ratio Lower Upper
70 100
42 55.4 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

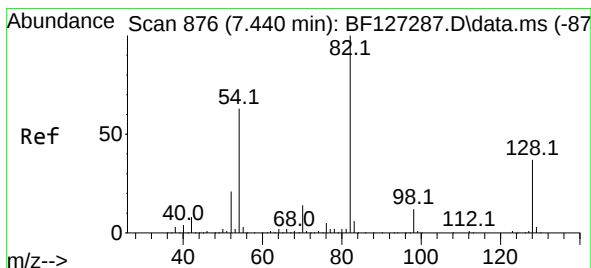
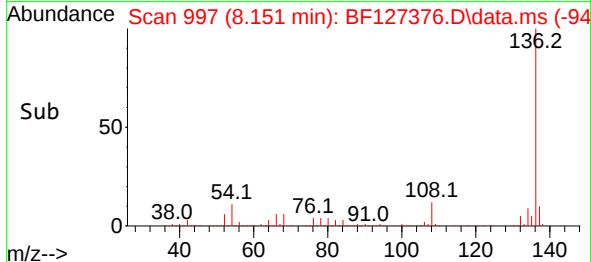
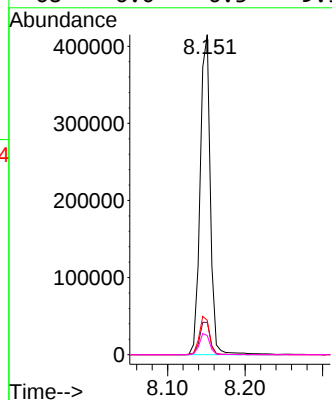
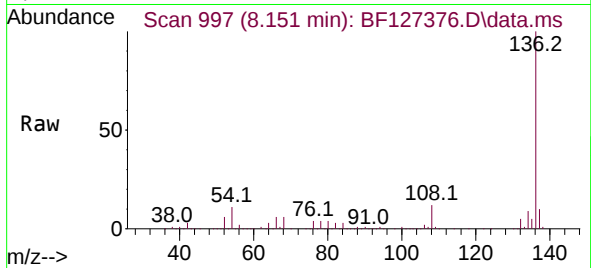




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127376.D
Acq: 17 Mar 2022 15:18

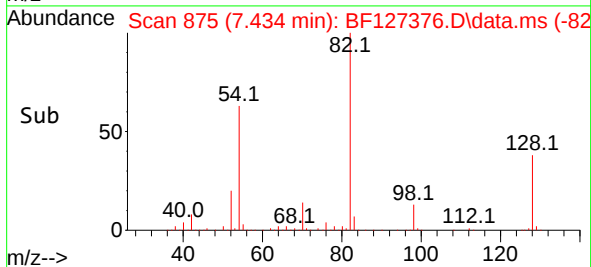
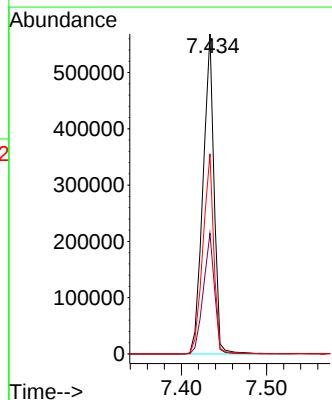
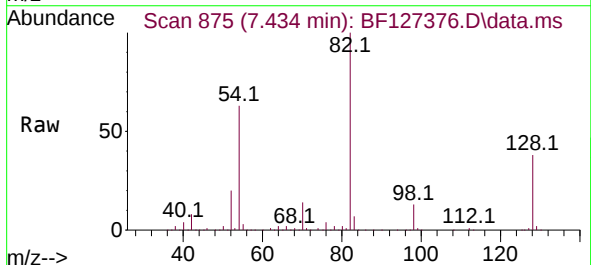
Instrument :
BNA_F
ClientSampleId :
CONCRETE-A

Tgt Ion:136 Resp: 377853
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 10.8 7.8 11.6
68 6.0 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 56.216 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127376.D
Acq: 17 Mar 2022 15:18

Tgt Ion: 82 Resp: 514346
Ion Ratio Lower Upper
82 100
128 37.7 32.7 49.1
54 62.6 41.7 62.5#

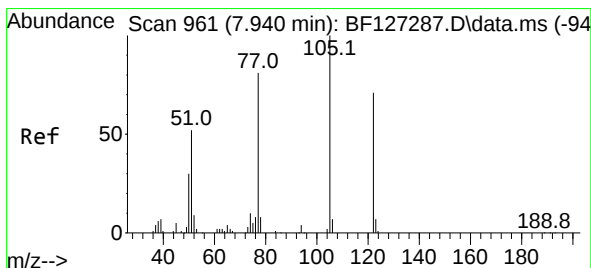
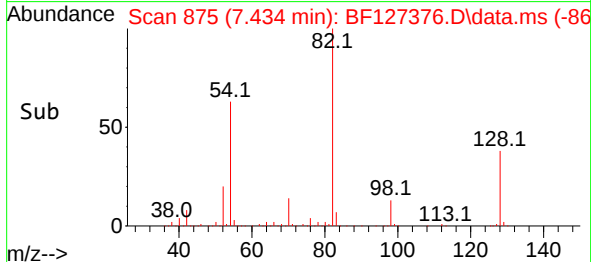
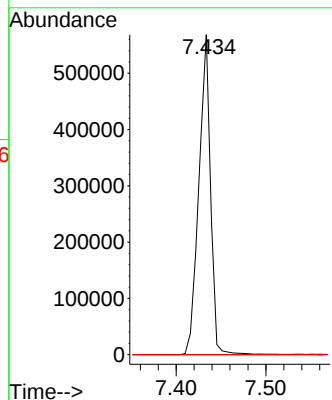
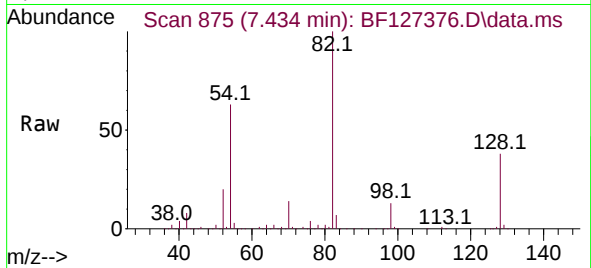




#25
Isophorone
Concen: 34.961 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127376.D
Acq: 17 Mar 2022 15:18

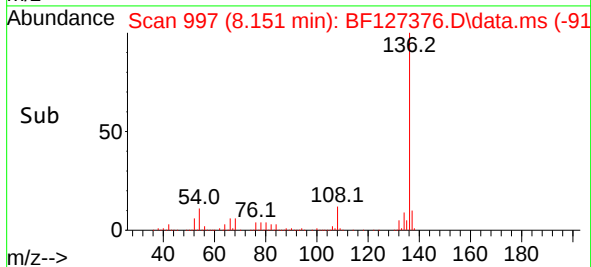
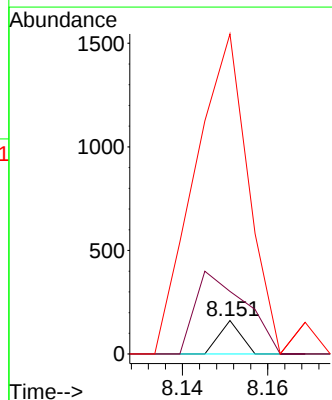
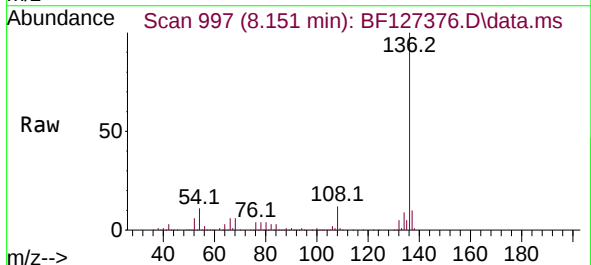
Instrument :
BNA_F
ClientSampleId :
CONCRETE-A

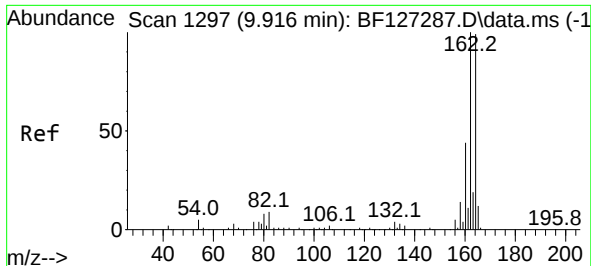
Tgt Ion: 82 Resp: 514339
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 6.636 ng
RT: 8.151 min Scan# 997
Delta R.T. 0.211 min
Lab File: BF127376.D
Acq: 17 Mar 2022 15:18

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 186.4 101.0 141.0#
77 953.7 74.5 114.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127376.D

Acq: 17 Mar 2022 15:18

Instrument :

BNA_F

ClientSampleId :

CONCRETE-A

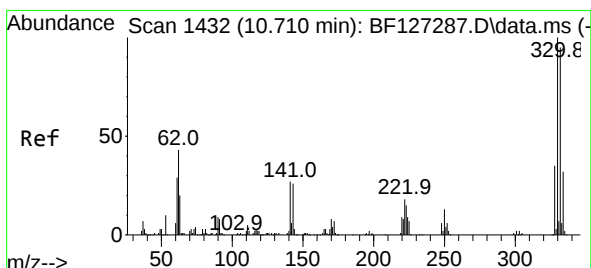
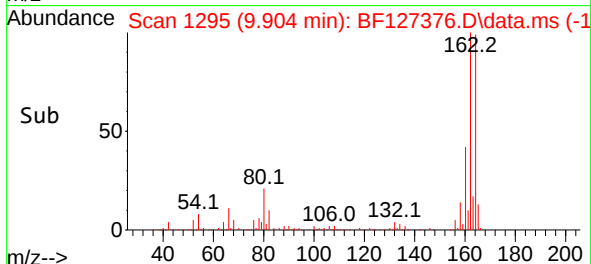
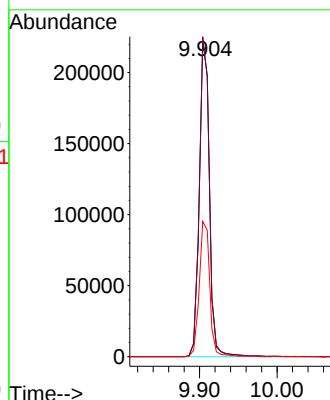
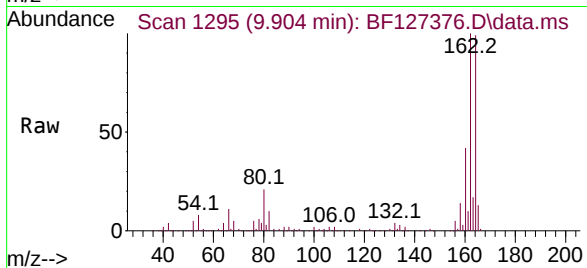
Tgt Ion:164 Resp: 201891

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.0

160 42.8 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 54.987 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127376.D

Acq: 17 Mar 2022 15:18

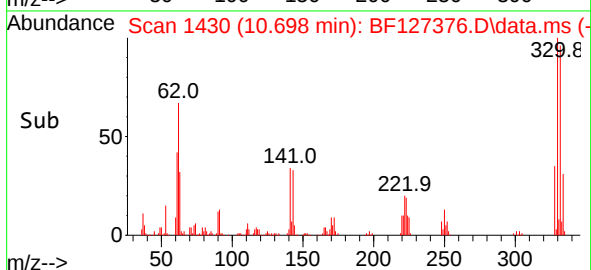
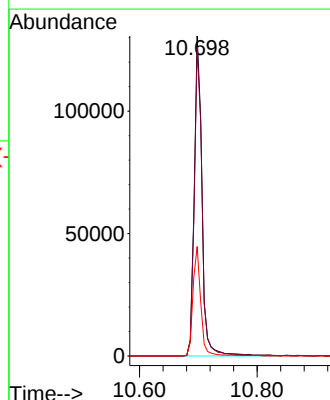
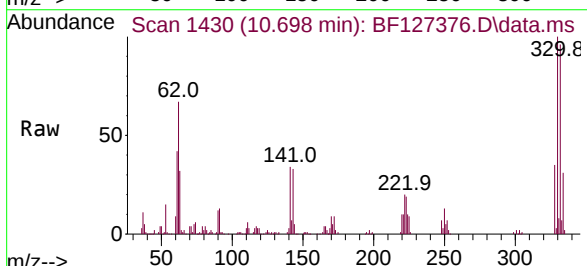
Tgt Ion:330 Resp: 119506

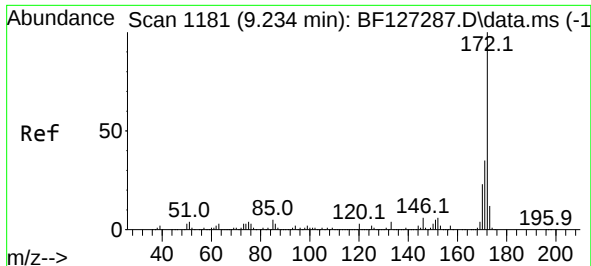
Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

141 34.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 61.834 ng

RT: 9.228 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127376.D

Acq: 17 Mar 2022 15:18

Instrument :

BNA_F

ClientSampleId :

CONCRETE-A

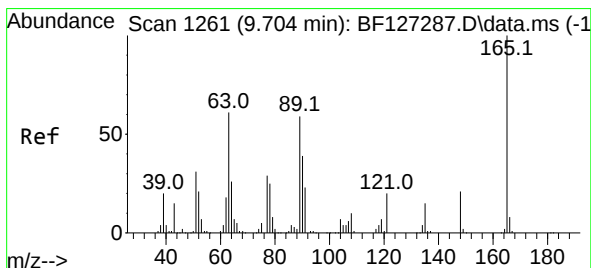
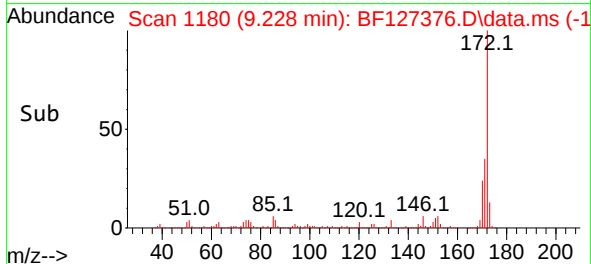
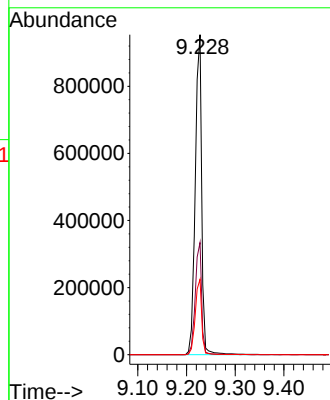
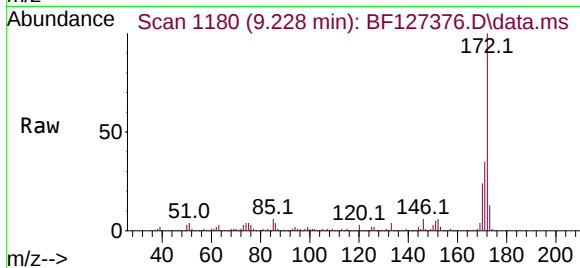
Tgt Ion:172 Resp: 882999

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.967 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF127376.D

Acq: 17 Mar 2022 15:18

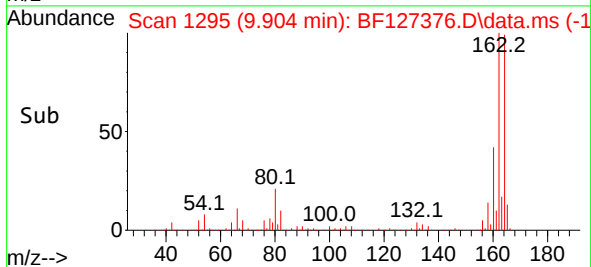
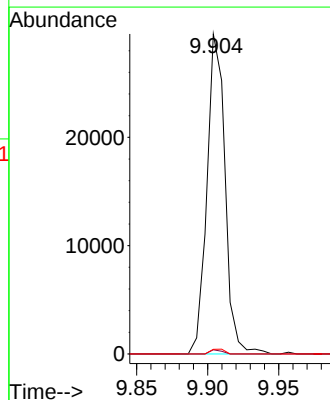
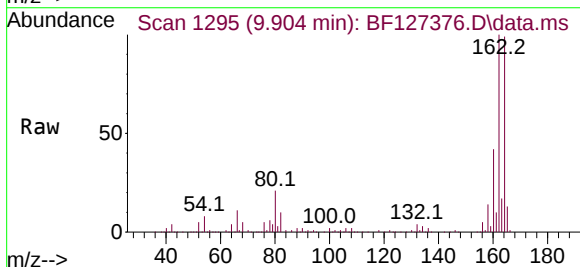
Tgt Ion:165 Resp: 26241

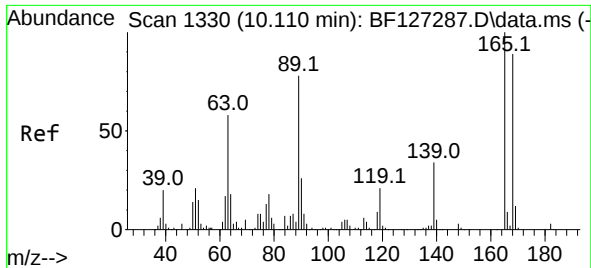
Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 1.4 50.5 75.7#

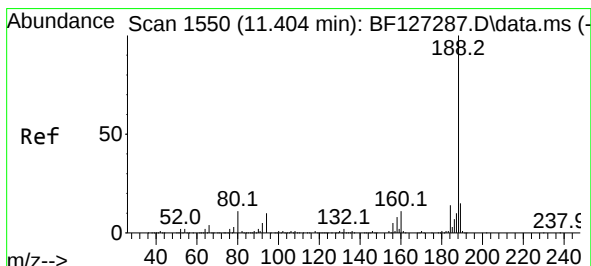
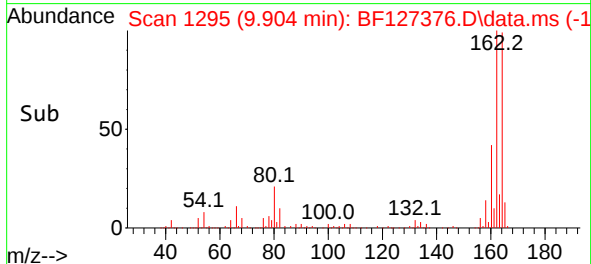
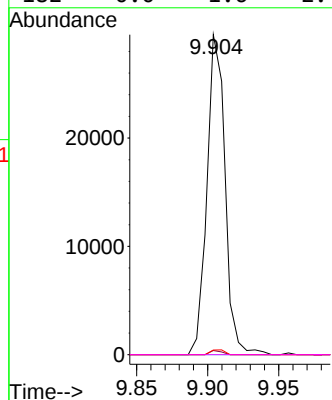
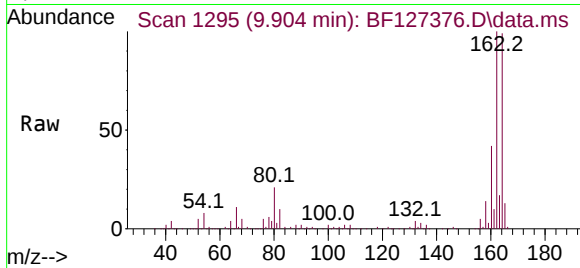




#57
2,4-Dinitrotoluene
Concen: 6.815 ng
RT: 9.904 min Scan# 1549
Delta R.T. -0.206 min
Lab File: BF127376.D
Acq: 17 Mar 2022 15:18

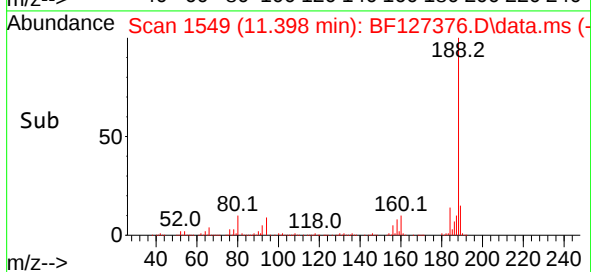
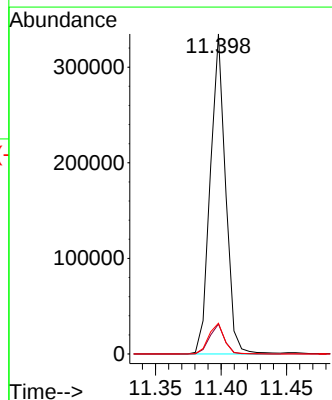
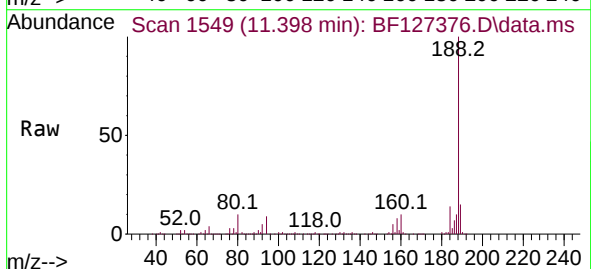
Instrument :
BNA_F
ClientSampleId :
CONCRETE-A

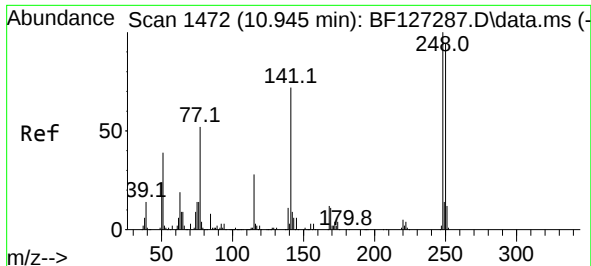
Tgt Ion:165	Resp:	26241
Ion Ratio	Lower	Upper
165	100	
63	1.3	43.0 64.6#
89	1.4	71.0 106.4#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127376.D
Acq: 17 Mar 2022 15:18

Tgt Ion:188	Resp:	272077
Ion Ratio	Lower	Upper
188	100	
94	9.4	10.1 15.1#
80	9.6	11.8 17.6#

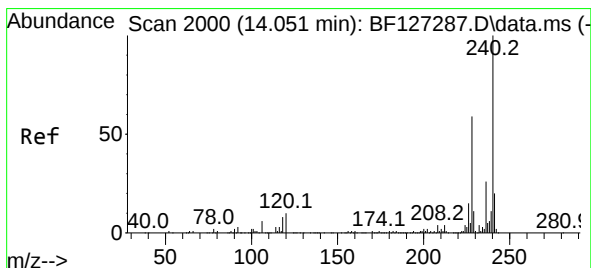
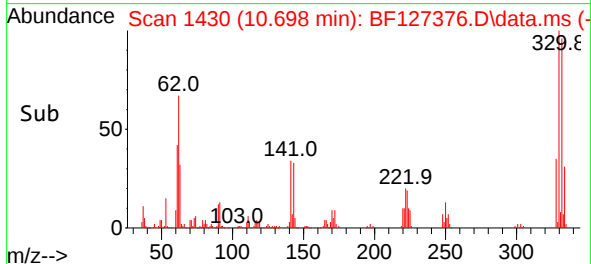
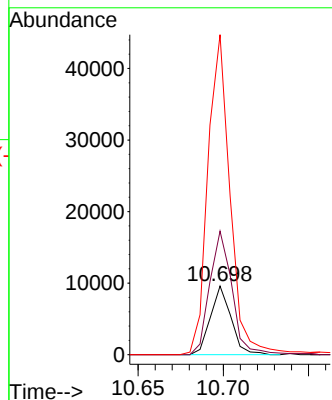
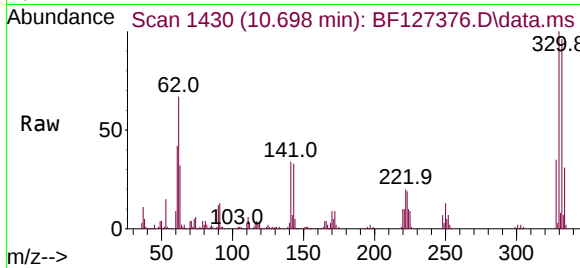




#67
4-Bromophenyl-phenylether
Concen: 2.461 ng
RT: 10.698 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF127376.D
Acq: 17 Mar 2022 15:18

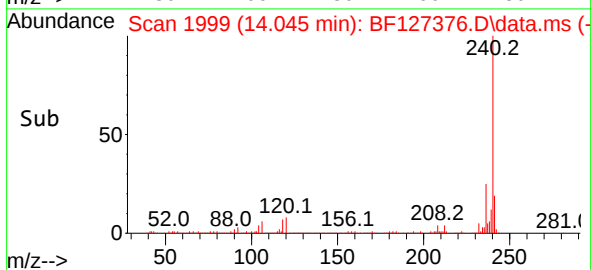
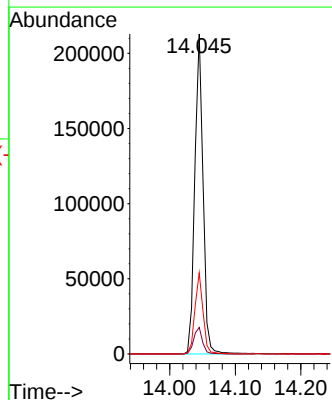
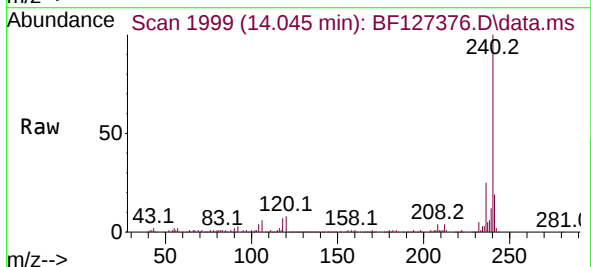
Instrument :
BNA_F
ClientSampleId :
CONCRETE-A

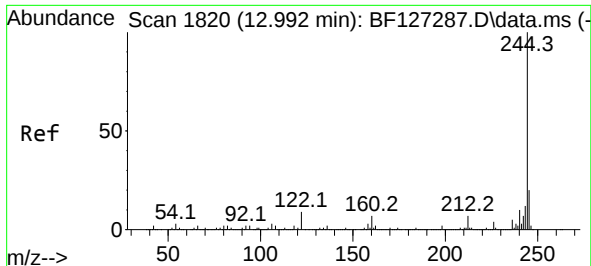
Tgt Ion:248 Resp: 8070
Ion Ratio Lower Upper
248 100
250 179.8 76.2 114.4#
141 465.7 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127376.D
Acq: 17 Mar 2022 15:18

Tgt Ion:240 Resp: 187377
Ion Ratio Lower Upper
240 100
120 8.3 14.4 21.6#
236 25.3 20.5 30.7

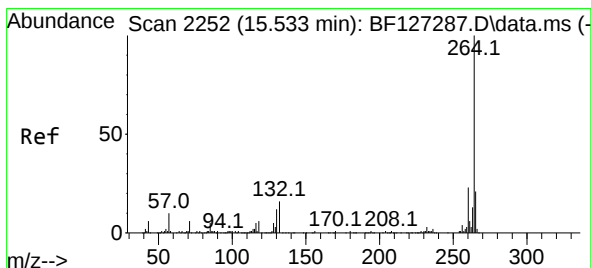
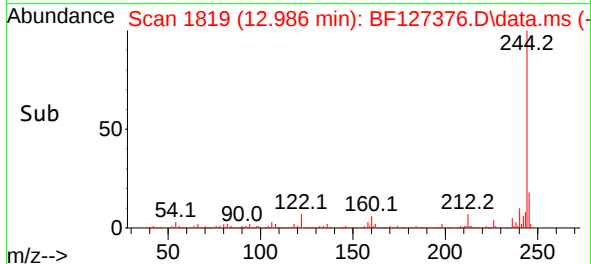
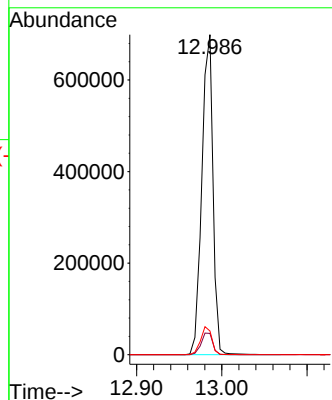
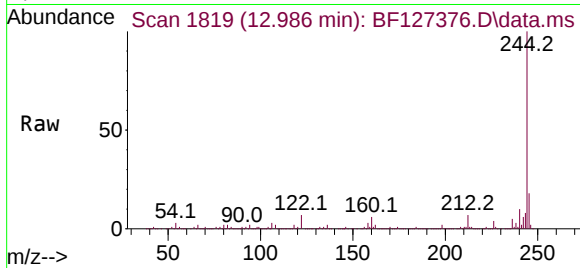




#79
 Terphenyl-d14
 Concen: 58.356 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127376.D
 Acq: 17 Mar 2022 15:18

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-A

Tgt Ion:244 Resp: 635008
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 7.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.000 min
 Lab File: BF127376.D
 Acq: 17 Mar 2022 15:18

Tgt Ion:264 Resp: 145724
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.0 17.4 26.2

